



9th Annual U.S. Department of Energy
Small Business Conference

Plenary Sessions

**DOING BUSINESS WITH EERE
ENERGY EFFICIENCY AND
RENEWABLE ENERGY**

25 June 2008



INTRODUCTION

- **Organization**
 - Business Administration
 - Technology Development “10 Programs
 - Solar, Biomass, Industries, Vehicles, H2, Geothermal, FEMP, Wind/Hydro, OWIP, and Buildings
- **Mission** – Fund activities in 3-D to develop, demonstrate and deploy energy efficiency and renewable energy technologies

Contacts at DOE HQ include:

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OPPORTUNITIES FY08 ~ \$1.8 Billion

- **Acquisition (Contracts)**
 - *National Laboratories – R&D \$500 Million*
 - *Industry – Technical Services \$50 Million*
- ***Financial Assistance (Grants) – Over \$800 Million***



WHAT IS AVAILABLE

- Subcontracting from National Labs
(Approximately \$150 Million)
- Prime Awards Via Competitive Solicitations
for both contracts and financial assistance
(Approximately \$250 Million)



EERE Financial Opportunities: Funding and Award Process - Mozilla Firefox

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http://www1.eere.energy.gov/financing/funding_award_process.html

Getting Started Latest Headlines

EERE Financial Opportunities

Funding & Award Process Types of Financial Assistance Financial Opportunities by Audience How to Apply Home

Funding & Award Process

Search Search Help More Search Options

EERE Information Center

Printable Version

Congressional Appropriation	In fiscal year 2004, federal funding of more than \$506 million was made available to the private sector through Office of Energy Efficiency and Renewable Energy (EERE) financial assistance awards.
DOE & EERE Allocation	Because competitive grants are the most common type of financial assistance awarded by EERE, this section uses a solicited, competitive grant to explain the financial assistance process. However, competitive cooperative agreements are handled in the same manner.
Financial Award	Like most federal government funding, funding for EERE financial assistance awards is authorized by an appropriation approved by the U.S. Congress. Congress determines the overall budget for Department of Energy activities, and this amount determines how much money will eventually be available for EERE financial assistance awards.
Award Management	To learn more about the EERE financial assistance process, read about each of its stages:
Contacts	<ul style="list-style-type: none">• Congressional appropriation• Department of Energy and EERE allocation• Financial award• Award management

Funding & Award Process

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graph TD; A[Congressional Appropriation] --> B[Department of Energy and Office of Energy Efficiency and Renewable Energy Allocation]; B --> C[Financial Award]; C --> D[Award Management];
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The flowchart illustrates the four stages of the EERE financial assistance process: Congressional Appropriation, Department of Energy and Office of Energy Efficiency and Renewable Energy Allocation, Financial Award, and Award Management, connected by downward arrows.



Welcome to the Department of Energy's e-Center - Mozilla Firefox

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http://doe-ips.pr.doe.gov/ Google

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e-Center
Business and Financial Assistance
Opportunities with Energy

About e-Center
Browse Opportunities
Register
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Information
Other Business Opps.
DOE Office of Management

FIRSTGOV
Your First Click to the U.S. Government

Done

Hello, you are currently visiting the Department of Energy's e-center. The e-center is the Department of Energy's web site for information on doing business with the Department of Energy, including viewing current business opportunities, registering to submit proposals, and obtaining information and guidance on the acquisition and financial assistance award process.

[Security Features](#)
[Rules of Behavior](#)
[Privacy Statement](#)

- ▶ Click here if you would like to view the Doing Business with the DOE DVD
- ▶ Click here if you would like to browse for existing Acquisition and Financial Assistance opportunities
- ▶ Click here if you would like to login to e-Center
- ▶ Click here for information and guidance.
- ▶ Click here for other business opportunities
- ▶ Click here for the Professionals Homepage
- ▶ Click here for help

Are you a Government or private sector professional seeking statutory and/or regulatory information in the areas of procurement, financial assistance, personal property, contractor human resources management, professional development, or business practices? The Professionals Homepage is a web site dedicated to providing information on these areas. Use the link below to access the site.



HOW DO I GET FUNDS

- Get qualified to receive Grants
 - Apply for a Data Universal Numbering System (DUNS) Number smallbusiness.dnb.com. This is the industry standard for business listings
 - Register in the Central Contractor Registry (CCR)
Here you can determine your relevant North American Industry Classification System (NAICS) code. This IDs what type of small business you can be recognized/compete as. The DUNS #, and NAICS provide prospective clients statistics with which to compare potential vendors.
 - Apply to a Solicitation/Funding Opportunity Announcement
 - www.fedbizopps.com
 - www.grants.gov (one way to contact National Labs, stewarded by the DOE office of Science www.er.doe.gov)
 - <http://doe-iips.pr.doe.gov>

CCR - Small Businesses - Mozilla Firefox

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http://www.ccr.gov/SmallBusinesses.aspx

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CONTRACTOR REGISTRATION

Home | Contractors | Grantees | International Registrants | Small Businesses | Help | **452716 Active Registrants**

Small Businesses

Does your business development strategy include providing goods and services to the Federal government? Creating a profile in the Central Contractor Registration (CCR) and the Dynamic Small Business Search (DSBS) and keeping it current ensures that your firm has access to federal contracting opportunities, especially those for small businesses. Entering your small business profile data into CCR allows you to populate the Small Business Administration's (SBA) Supplemental Pages, known as DSBS, where your business information and capabilities statements can be viewed by contracting officers, large prime contractors, and the general public.

The Small Business Administration provides financial, technical and management assistance to help Americans start, run, and grow their businesses. Are you a small business? Click [here](#) to learn about the small business size standards that your firm must meet to be considered a small business. Please note that if you are interested in receiving Small Disadvantaged Business, HUBZone, or 8(a) certifications, you will need to apply to the SBA for certification.

[Small Business Administration](#)

The Congress created the Small Business Administration in 1953, to "aid, counsel, assist and protect, insofar as is possible, the interests of small business concerns." SBA provides financial, technical and management assistance to help Americans start, run, and expand their businesses. Click [here](#) to proceed to SBA's website.

Related Links

- [Small Business Administration](#)
- [What is a Small Business?](#)
- [SBA's Table of Size Standards](#)
- [SBA's 8\(a\) Program](#)
- [SBA's Small Disadvantaged Business \(SDB\) Program](#)
- [SBA's HUBZone Program](#)
- [Service-Disabled Veteran-Owned Small Business Concern Program](#)
- [SBA's Office of Women's Business Ownership](#)

Start New Registration

Update or Renew Registration

Search CCR

Dynamic Small Business Search

Request Access to CCR Data

Security Notice

Home | Contractors | Grantees | International Registrants | Small Businesses | Help |

start Microsoft Po... Document3 - ... CCR - Small ... 4:55 PM



NAICS -- North American Industry Classification System - Mozilla Firefox

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http://www.census.gov/epcd/www/naics.html

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[Other agencies](#)

Product Classification
[Service Sector](#)
[Manufacturing](#)

Questions?
[Ask Dr. NAICS](#)

International
[Concordances](#)

Development of
NAICS
[Introduction](#)
[Federal Register](#)
[Issues & concepts](#)
[Papers & speeches](#)

 **NAICS 2007** includes revisions to [NAICS 2002](#) across several sectors. The most significant revisions are in the Information Sector, particularly within the Telecommunications area.

The [North American Product Classification System](#) (NAPCS) is now available for products of [service industries](#) (sectors 51-81). (NAPCS will focus on manufacturing products at a later date; for existing census codes, see the [Numerical List](#))

 The printed **2007 NAICS Manual** is now available. See below.

 The official **2007 US NAICS Manual** *North American Industry Classification System--United States, 2007* includes definitions for each industry, tables showing correspondence between 2007 NAICS and 2002 NAICS for codes that changed, and a comprehensive index--features also available on this web site. To order the 1400-page *2007 Manual*, in print, call NTIS at (800) 553-6847 or (703) 605-6000, or check the [NTIS web site](#). The *2002 Manual*, showing correspondence between 2002 NAICS and 1997 NAICS, and the *1997 Manual*, showing correspondence between 1997 NAICS and 1987 SIC, are also available.

 The following 2007 NAICS files are currently available for downloading in spreadsheet form: [2007 NAICS codes--2- through 6-digit](#), [2007 NAICS codes--6-digit only](#), and correspondence table for those industries that changed: [2007 NAICS to 2002 NAICS](#) and [2002 NAICS to 2007 NAICS](#). A revised NAICS search incorporating the 2007 NAICS codes will be available in the near future.

Also available at this site are lists of [2002 NAICS codes](#) (with links to definitions), [1997 NAICS codes](#), tables showing [correspondence between NAICS 97 and SIC](#), tables showing [correspondence between NAICS 97 and NAICS 02](#), and other files for [downloading](#).

A summary of [NAICS supporting documents](#) cites Federal Register Notices, issues papers, and other reports about NAICS.

NAICS was developed in cooperation with the [US Economic Classification Policy Committee](#), [Statistics Canada](#), and Mexico's [Instituto Nacional de Estadística, Geografía e Informática](#).



Done



Federal Business Opportunity - Mozilla Firefox

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http://www.fedbizopps.gov/ Google

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Fed Biz Opps

Federal Business Opportunities

Quick Search

Advanced Search

General Information

- Section 508 Vendor Notice
- Interface Description
- Procurement Classification Codes
- Management Responsibility
- Frequently Asked Questions

Privacy and Security Statement

- Privacy and Security Statement

FedBizOpps News

- What's New?
- FBO Awards
- 508 Compliance

FedBizOpps.gov is the single government point-of-entry (GPE) for Federal government procurement opportunities over \$25,000. Government buyers are able to publicize their business opportunities by posting information directly to FedBizOpps via the Internet. Through one portal - FedBizOpps (FBO) - commercial vendors seeking Federal markets for their products and services can search, monitor and retrieve opportunities solicited by the entire Federal contracting community.

Hurricane Emergency Contracting Information

Click [HERE](#) for information on registering your business capabilities to assist in the Hurricane disaster relief efforts.

FedBizOpps BUYERS

FedBizOpps VENDORS

Related Links

- Business Partner Network (BPN)
- Central Contractor Registration (CCR)
- Online Reps & Cert Application (ORCA)
- Demo FBO
- Federal Agency Business Forecasts
- Federal Assets Sales
- Federal Grants
- USA.gov
- Minority Business Development Agency
- SUB - Net (Subcontracting Opportunities)
- IAE
- FedTeds
- Vendor Notification Service

Contact Information

- Email: fbo.support@gsa.gov
- Phone: 877-472-3779 (Toll Free)

E-GOV The FedBizOpps Team is committed to Section 508-compliant accessibility.

Integrated Acquisition Environment IAE

Done



Opportunities exist at many levels...

Stakeholders can contact

- DOE-affiliated organizations and efforts,
- State Energy offices/Chambers of Commerce,
- Federal job sites, trade associations,
- Congresspersons, DOE Small Business Conference attendees, and other Minority Educational institutions...



EERE Minority Educational Institution (MEI) Database

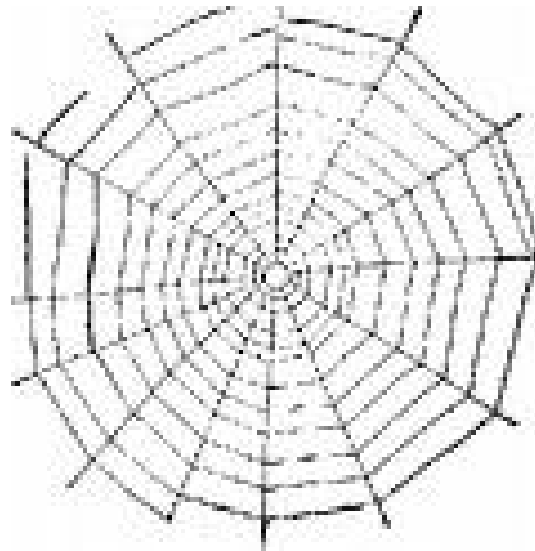
Name of Institution	Type of Institution	Contact Information	Research Area	Are currently conducting related research in this area	Have conducted research in this area	Have the facilities and expertise to conduct research in this area	Have the facilities and expertise to team with another University/College or National Laboratory in this research area	Would like to receive Solicitations for research Grants in this area

- To update your information, fill in the blanks and email to Annie.Whatley@hq.doe.gov. These data will be added to the EERE list of all US Minority Educational Institutions, for rapid identification of which MEIs are involved in _____.



Connections...

- branching out – going inward – circling or combining with the competition





WHO IS ELIGIBLE FOR A GRANT - Mozilla Firefox

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http://www.grants.gov/aboutgrants/eligibility.jsp

Getting Started Latest Headlines

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FOR APPLICANTS

ABOUT GRANTS.GOV

What is a Grant?

Who is Eligible for a Grant?

Grants.gov Accomplishments

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Program Status

FOR AGENCIES

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RESOURCES

HELP

CONTACT US

SITE MAP

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WHO IS ELIGIBLE FOR A GRANT?

PLEASE NOTE: If you are in need of personal financial assistance such as Social Security/Supplemental Security Income, Medicaid or State Social Services, you can find help at www.GovBenefits.gov. This type of individual assistance is not available on this website. If you are interested in student loans, please go to www.Studentaid.ed.gov. If you are a small business looking for a loan, please visit the [Small Business Administration](http://www.SmallBusinessAdministration.gov).

There are many groups of organizations that are eligible to apply for government grants. Typically, most grantee organizations fall into the following categories. To find out what grants are currently available for these different eligibility categories, please refer to the Grants.gov [Advanced Search](#).

Government Organizations

- State Governments
- Local Governments
- City or Township Governments
- Special District Governments
- Native American Tribal Governments (federally recognized)
- Native American Tribal Governments (other than federally recognized)

Education Organizations

- Independent School Districts
- Public and State Controlled Institutions of Higher Education
- Private Institutions of Higher Education

Public Housing Organizations

Click here to receive our Quarterly Succeed e-newsletter

Quick Links

- [Grant Search](#)
- [Grant Email Alerts](#)
- [Get Registered](#)
- [Applicant Login](#)
- [E-Biz POC Login](#)
- [Agency Login](#)
- [New Agency Users](#)
- [Browser Plugins](#)

Done



Small and Disadvantaged Business Utilization | USEPA - Mozilla Firefox

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US EPA http://www.epa.gov/osdbu/ Google

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U.S. Environmental Protection Agency

Small and Disadvantaged Business Utilization

Recent Additions | Contact Us Search: ☐ All EPA ☒ This Area Go

You are here: [EPA Home](#) » Small and Disadvantaged Business Utilization

Mission
Resources
Agency Goals
Program Activities
Regional Contacts
States
Small Business Outreach
Tribal Affairs
Forecast
Small Business Database
OSDBU News
Contracts
Grants
Disabled Veterans
Small Business Ombudsman

The United States Environmental Protection Agency's Office of Small and Disadvantaged Business Utilization is posting updated information on their world wide web site to enhance communication with the small business community.

EPA is posting acquisition forecast, small business opportunities, governing public laws, links to other web sites, and other informative information. If you have any questions concerning our web site, please contact (202) 566-2075.

Thank you for visiting EPA's OSDBU Homepage.

[Hurricane Katrina Information](#)

[Small Business Outreach Center](#)
EPA's Small Business Outreach Center under the Office of Small and Disadvantaged Business Utilization is CLOSED temporarily until further notice. Please direct all calls to 202-566-2075 or toll free 1-866-618-7870.

[2007 National Environmental Partnership Summit](#)

Upcoming Events

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31					

[DBE Rule and Small Business Programs Training Conference 2007](#)

[The Administrator's 18th Annual Small and Disadvantaged Business Awards Ceremony](#)

Proposed Rule:

- [EPA DBE Proposed Rule and Preamble \(PDF\)](#)
(30 pp, 357 K)
- [Summary - Major Elements of DBE Rule \(PDF\)](#)
(10 pp, 50 K)
- [5700 52A Reporting Form \(PDF\)](#)
(4 pp, 108 K)
- [5700 52A Reporting Form](#)
(MS Word Format 77KB)



DOE Office of Science - Homepage - Mozilla Firefox

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http://www.sc.doe.gov/

Google

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Computing Research

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Sciences

Biological and
Environmental Research

Fusion Energy
Sciences

High Energy
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Nuclear
Physics

Workforce
Development

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Science with a Mission

Advancing the Energy, Economic, and National Security of the United States



On November 1, 2007, at a White House ceremony, eight DOE "early career" researchers received the 2006 Presidential Early Career Award for Scientists and Engineers (PECASE), the highest honor bestowed by the U.S. government on outstanding scientists and engineers who are beginning their independent careers. Each PECASE winner received a citation, a plaque and a commitment for continued funding of their work from their agency for five years. The eight DOE researchers -- four funded by the Office of Science at DOE labs and four supported by the National Nuclear Security Administration (NNSA) Office of Defense Programs at universities -- also were honored at a DOE event hosted by Deputy Secretary of Energy Clay Sell. Pictured from left to right: Principal Deputy Administrator for National Nuclear Security William C. Ostendorff; Carlos Pantano-Rubino, University of Illinois at Urbana-Champaign; Shawn Newsam, University of California, Merced; Brian J. Kirby, Cornell University; Jeffrey Kysar, Columbia University; Deputy Secretary Sell; Julia Laskin, Pacific Northwest National Laboratory; Ho Nyung Lee, Oak Ridge National Laboratory; Kyle Cranmer, Brookhaven National Laboratory; Len A. Pennacchio, Lawrence Berkeley National Laboratory; DOE Under Secretary for Science Dr. Raymond L. Orbach. [For more information...](#)



DOE Science News:
Basic Research for
the Nation's Future



Science and Technology
Highlights from the DOE
National Laboratories

- Chemical force microscopy probes nanotubes
- DOE Pulse Archive



ASCR Discovery:
Understanding Science
Through Computing

Done



U.S. DOE Energy Efficiency and Renewable Energy (EERE) Home Page - Mozil...

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http://www.eere.energy.gov/ Google

Getting Started Latest Headlines

Additional plugins are required to display all the media on this page. Install Missing Plugins...

Programs

- Biomass
- Building Technologies
- Federal Energy Management
- Geothermal Technologies
- Hydrogen, Fuel Cells & Infrastructure Technologies
- Industrial Technologies
- Solar Energy Technologies
- Vehicle Technologies
- Weatherization & Intergovernmental
- Wind & Hydropower Technologies

Offices

- Assistant Secretary's Office
- Business Administration
- Planning, Budget, & Analysis
- Golden Field Office
- DOE Laboratories

Click here to download plugin.

[Text Version](#). See the [press release](#) about the new campaign from DOE and Disney·Pixar.

CBS Sunday Morning Show Covers Solar Decathlon

On November 4, the CBS Sunday Morning news program included a segment on the Solar Decathlon, which was held on the National Mall this past October. The segment featured a description of the event, interviews with team members, and a discussion on solar and building technologies and how the contest can benefit society as a whole.

FEATURES

- Get Smart About Energy! K-12 Energy Lessons & Activities
- Students: Volunteer at EERE
- Why Wait? Industry: Save Energy Now Apply Today!
- Investor Technology Showcase
- Major Economies Meeting on Energy Security and Climate Change

QUICK LINKS

- News >
- Consumers >
- Kids >
- Education >
- Financial Opportunities >
- States >
- Media >



In Summary

- DOE/EERE partnerships focus on reNEWable ENERGY
 - DOE and other Federal Agencies are furthering the Administration's Advanced Energy Initiative to hasten partnerships commercializing reNEWable ENERGY industries systems to save \$\$ and secure our future.
 - DOE's Change a light campaign,, with its CFL mascot, just like range of actions steering ORNL into tomorrow, shows how **at every level your home, school, business or organization can get these technologies of the future off the shelf, plugged in, --- and lit up!**

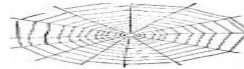




Additional Thoughts #1

#1 Participation in Energy-related activities crosses the spectrum of business skills

The web = the power grid = energy marketplace; intersections, spokes, and arcs each have opportunities to participate, by joining current, (or establishing new) niches



- Determining the best source of energy for a client (consulting)
- Obtaining energy (extraction rights, zoning expertise, licensing/ purchasing agreements)
- Generation - participation in EERE technology Research, Development and Deployment, Involvement in power plants' activities
- Distribution – Wheeling (green) energy, building infrastructure to ease consumer access to alternative energy (ethanol at gas stations)
- Utilization – Audits to show stakeholders how best to use new technologies
- Conservation – Help clients decrease energy costs (all the building trades – witness the Solar Decathlon's use of skills from carpentry to computer science)
- Return on investment – demonstrate to venture capitalists and other financial market stakeholders that energy investments hold promise and thus deserve action in the capital market.
- The inventor population – creating opportunities for participation and support of proof-of-concept activities, supporting energy stakeholders with legal (patents/licensing actions), administrative, and analytical support
- Partnerships with educational institutions, (assisting and employing various student populations); trade organizations, (networking to change competitors into alliances); governments at local, county, State and Federal level (helping them meet their legislative goals)



Additional Thoughts #2

- **Websites and Contact Information for Various Sources of Business Opportunities with**
- **The US Department of Energy**
- To obtain information on EERE products, services, and business opportunities you may call the EERE call center at 1-877-337-3463 or go to the website <http://www.eere.doe.gov> and click on "EERE Information Center".
- For assistance on how to sell to the government or if you feel you are overwhelmed by registrations, certifications, and solicitation requirements you may want to contact your nearest **Procurement Technical Assistance Center (PTAC)**. They can provide you with an understanding of the requirements of government contracting, and the know-how to obtain and successfully perform federal, state and local government contracts. See their website www.aptac-us.org for assistance.
- **SBIR and STTR Programs:** The SBIR (Small Business Innovation Research) and STTR (Small Business Technology Transfer) programs are two competitively awarded, three-phase Federal Government programs designed to stimulate technological innovation and provide opportunities for small businesses. These dynamic teamings of the private and public sectors include joint venture opportunities for small businesses and the nation's premier nonprofit research institutions.

The SBIR program solicitations are issued by eleven Federal agencies, including the Department of Agriculture, the Department of Commerce, the Department of Defense, the Department of Education, the Department of Energy, the Department of Health and Human Services, the Department of Homeland Security, the Department of Transportation, the Environmental Protection Agency, the National Aeronautics and Space Administration, and the National Science Foundation. For more information about the SBIR program, visit <http://www.sba.gov/sbir/indexsbir-sttr.html>. In addition, Federal agencies maintain department-specific SBIR and STTR programs Web pages.

- Various SBIR and STTR websites: <http://sbirworld.com> or <http://zyn.com/sbir/> or the Department of Defense website: <http://www.acq.osd.mil/osbp/sbir/>
- **EERE Financial Opportunities:** Through financial assistance, EERE provides funding for renewable energy and energy efficiency research and development. Financial assistance awards transfer money, property, or services to a recipient so that it can accomplish a public purpose authorized by Federal statute. For example, a financial assistance award might be used to fund research to improve the efficiency of photovoltaic cells. Grants are usually awarded through a [competitive solicitation process](#). In this scenario, EERE solicits applications in specific research areas and selects from the submissions based on merit. See the below websites:
- <http://www.grants.gov/>
- <http://www1.eere.energy.gov/financing/>



Additional Thoughts #3

- **EERE State Activities and Partnerships:** The EERE *State Activities & Partnerships* Web site <http://www.eere.energy.gov/states/> links to DOE's Office of Energy Efficiency and Renewable Energy (EERE) partnerships with and projects in the States' energy offices. Here you will find:
 - EERE-sponsored projects in the states
 - EERE's cooperative projects and grants to the states
 - Breaking news about state involvement in energy projects
 - State energy statistics
 - State maps of renewable energy resources
 - Case studies and state publications.
- **Acquisitions:**
 - The U.S. Department of Energy, Office of Headquarters Procurement Services, employs a secure, web-enabled acquisition and financial assistance system, the Industry Interactive Procurement System (IIPS). IIPS provides for the posting of solicitations, receipt of offers, conducting of clarifications or discussions, evaluation of offers or bids, and award of task orders in a paperless environment via the Internet. To get more information about IIPS and to register your company, go to <http://e-center.doe.gov>. To register your company follow the link marked "Register" on the E-center homepage. At the register page you should choose to register for IIPS and follow the on screen directions to complete this process. If you have problems or questions in using IIPS please contact the help line at (800) 683-0751.
- Website: <http://www.fedbizopps.gov/>
- **Cooperative Research and Development Agreements (CRADAs).**
- CRADAs are partnerships in which a private sector partner and a national laboratory work together to further research and development. In the simplest form of a CRADA partnership, each party contributes equally to the project in terms of labor, funding, and facilities. In more complex arrangements, the private partner may opt for a "funds in" arrangement, in which it defers part of the laboratory's expenses. See <http://www1.eere.energy.gov/financing/cradas.html> for additional information concerning CRADAs.
- **Unsolicited Proposals:**
- You may want to investigate our unsolicited proposal site at <http://www.netl.doe.gov/business/usp/USPGuide.pdf>.



9th Annual U.S. Department of Energy Small Business Conference

Plenary Sessions

- <http://energy.gov/texas>



DOE Acquisition Forecast

The screenshot shows a Microsoft Internet Explorer browser window displaying the DOE Acquisition Forecast website. The address bar shows the URL <http://hqinc.doe.gov/Forecast>. The page layout includes a left sidebar with navigation links and a main content area with descriptive text.

Navigation Links:

- Home Page
- General Search
 - by State
 - by NAICS Code
 - by Contracting Activity
 - by Solicitation Method
 - by Release Quarter
 - by Award Quarter
 - by Incumbent Contractor
 - by Departmental Element
- Detailed Search
 - Major Prime Acquisition
 - Planned Opportunities
 - Subcontracting Opportunities
 - Prime contracting Opportunities
- Search

Main Content Text:

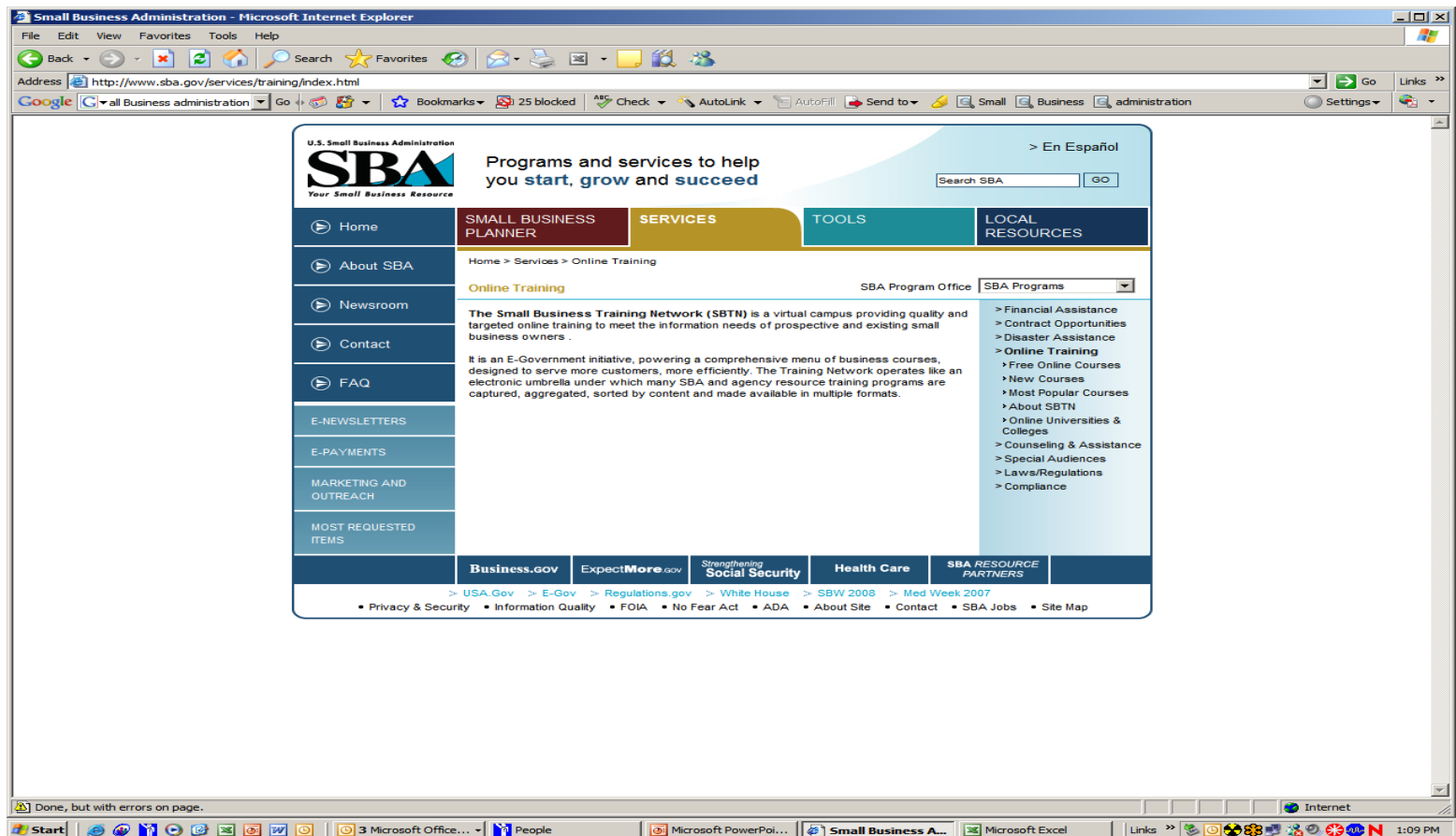
management contractors. This forecast has been expanded to also provide timely status information for ongoing prime contracting actions that are valued in excess of the simplified acquisition threshold. As the largest civilian contracting agency within the Federal government, the Department believes that enhancing the forecast to provide a greater level of advance and up-to-date information pertaining to the Department's future and ongoing contracting opportunities will substantially improve the nature of and accessibility to the kind of procurement information that is important to DOE/NNSA management, the public, industry, Congress, and other DOE/NNSA stakeholders.

Information contained in the forecast for future and ongoing transactions can be searched and sorted in a number of ways, including by DOE/NNSA contracting activity, state, type of acquisition, and North American Industrial Classification Code. In addition, points of contact are identified for each opportunity that is listed for access to additional information.

The acquisitions that are identified in this forecast are expected to be solicited and/or awarded in this fiscal year and beyond, based on the best information available at the time of publication. All projected acquisitions and associated information are subject to revision or cancellation. Final decisions regarding the extent of competition, socio-economic considerations, estimated value, etc., will not be made until each acquisition is formally initiated. The data and information that is contained in this forecast should be considered for informational and planning purposes only – it does not represent a pre-solicitation synopsis, nor does it constitute an invitation for bid or request for proposal, or a commitment by the Government to purchase the described supplies and services.

For specific information on doing business with the DOE/NNSA, including obtaining specific information regarding public announcements on initiated acquisitions

SBA Writing, Including Proposal Writing





Definition of a Small Business (NAICS codes) and Small Business Types

- A small business, including its affiliates, is one that is independently owned and operated, not dominant in the field of operation in which it is bidding on government contracts, and qualified as a small business under the criteria in 13 CFR part 121, and NAICS size standards.
- The NAICS codes determine whether a business is considered small by their industry code. These codes pertain to the size of the firm and not the value of the procurement. The standards are set by either the number of employees or by the average annual sales over a three-year period. Click here to look up your [NAICS code](#).
- Small Disadvantaged Business is a small business that is: at least 51% owned by one or more socially and economically disadvantaged people or in the case of any publicly owned business, at least 51% of the stock of which is owned by one or more disadvantaged people; is a U.S. citizen; owns, operates and manages the business on a daily basis; and is in business at least one year.
- The owner(s) must have less than \$750,000 personnel net worth at the time of application & during participation.
- To do business with BNL an small disadvantaged business company **must be certified** with the [small business administration](#).



U.S. Department of Energy - Energy Efficiency and Renewable Energy EERE State Partnerships and Activities



About the Strategic Energy Analysis and Applications Center

- The Strategic Energy Analysis and Applications Center (SEAAC) integrates and supports the [energy analysis](#) functions of the lab and leads NREL's efforts in [applying technologies](#) via both national and international markets. This center consists of six groups, which were integrated to form a synergistic center focusing on these key lab activities. They include:
 - **Program Planning and Analysis** ([Doug Arent](#))
 - **Energy Market, Technology, and Policy Analysis** ([Maggie Mann](#))
 - **International and Environmental Studies** ([Dan Bilello](#))
 - **Energy Forecasting and Modeling** ([Walter Short](#))
 - **State, Local, and Tribal Integrated Applications** ([Roger Taylor](#))
 - **Energy Management and Federal Markets** ([Nancy Carlisle](#))
- In the analysis arena, the center promotes understanding and collaboration through all of its analysis activities. NREL and SEAAC conduct a broad range of energy analysis in support of NREL [programs](#) and initiatives, DOE's [Office of Energy Efficiency and Renewable Energy \(EERE\)](#), [technology transfer](#) and the greater energy analysis community. The applications side of the center helps stakeholders determine the right clean energy technologies, programs, and strategies for a city, state, country, and large or small business. SEAAC experts also can help these groups reduce energy costs, find the best energy strategy for an application, analyze energy systems, and inform energy policy.
- Analysis at NREL aims to increase the understanding of the current and future characteristics, roles, and interactions of government, markets, and technologies. The acquired understanding is used to inform technology, benefits, market, policy, and program decisions as energy efficient and renewable energy technologies advance from concept to commercial application.

NREL's [technology analysis](#) evaluates the attributes of renewable energy technologies, examining RD&D areas in terms of potential costs, benefits, risks, uncertainties, and timeframes. The Lab's [benefits analysis](#) looks at the economic, environmental, security, and other impacts of current renewable energy programs. NREL's [market analysis](#) helps key players increase the use of energy efficiency and renewable energy technologies in the marketplace through understanding of market responses. Through [policy analysis](#), the Lab evaluates rules and regulations that can advance — or provide alternatives to — renewable energy technologies in meeting national goals. The Lab's [program analysis](#) conducts work that determines the goals of the Department of Energy's (DOE) budgeting, planning, and management functions.



Working with Us

- NREL works closely with states and local communities, facilitating collaborative efforts that are key to moving clean energy technologies into the marketplace and promoting their use.
- If you're interested in learning more about NREL's expertise in these areas, access the Strategic Energy Analysis and Applications Center (SEAAC) [Staff page](#) for information on our individual capabilities, as well as SEAAC staff's experience with various projects and initiatives.
- You can also find out more about funding mechanisms, developing technology partnerships, licensing our technologies, and using NREL's facilities at [Working with Us](#).
- **More Information**
- For more information about U.S. state and local energy options and projects, see the following Web sites:
 - [State Activities and Partnerships](#)
 - [State Energy Alternatives](#)
 - [Database of State Incentives for Renewable Energy \(DSIRE\)](#)
 - [Environmental Protection Agency \(EPA\) - State and Local Information](#)
 -
- NREL can help you meet your energy and environmental goals using renewable energy and energy efficiency technologies. Tap into our technical expertise for alternative energy approaches and solutions that are:
 - Crosscutting
 - Integrative
 - Unbiased
 - Innovative
 - Economically viable.
- We extend our technical assistance worldwide—from small, rural electricity projects to large, national energy programs. We can tailor our assistance based on your needs.
- NREL provides assistance to key stakeholders, including projects and initiatives for:
 - [The Federal Energy Management Program](#)
 - [International and developing countries](#)
 - [U.S. state and local communities](#)
 - [U.S. tribal communities](#)
- Learn more about our [capabilities](#). We can help you make informed decisions about applying renewable energy and energy efficiency technologies.
- NREL's [Strategic Energy Analysis and Applications Center](#) leads the laboratory's collaborative



NetL Proj. Mgmt Ctr

- The National Energy Technology Laboratory (NETL), part of DOE's national laboratory system, is owned and operated by the U.S. Department of Energy (DOE). NETL supports DOE's mission to advance the national, economic, and energy security of the United States.
- The only U.S. national laboratory devoted to fossil energy research, NETL implements a broad spectrum of energy and environmental research and development (R&D) programs that will return benefits for generations to come:
- Enabling domestic coal, natural gas, and oil to economically power our Nation's homes, industries, businesses, and transportation ...
- While protecting our environment and enhancing our energy independence.
- NETL has expertise in coal, natural gas, and oil technologies, contract and project management, analysis of energy systems, and international energy issues.
- In addition to research conducted onsite, NETL's project portfolio includes R&D conducted through partnerships, cooperative research and development agreements, financial assistance, and contractual arrangements with universities and the private sector. Together, these efforts focus a wealth of scientific and engineering talent on creating commercially viable solutions to national energy and environmental problems.
- Solicitations & Business Opportunities
NETL Business Contacts
- **Acquisition and Assistance Director**
[Dale A. Siciliano](#)
412-386-6073
- **Acquisition and Assistance Forms**
[Joellen Nieman](#)
304-285-4307
- **Indirect Cost Rate Agreement**
[Andrew J. Ferlic](#)
412-386-4647
- **Industry Interactive Procurement System (IIPS) and Electronic Commerce**
[Joellen Nieman](#)
304-285-4307
- **Property Manager**
[Richard C. Price](#)
412-386-6196
- **Simplified Acquisition Program**
[Robert L. Mohn](#)
412-386-4963
- **Site Support/A&E/Construction Contracts**
[James Knudsen](#)
304-285-4530
- **Small & Small Disadvantaged Business Specialist**
[Lawrence Sullivan](#)
412-386-6115
- **Unsolicited Proposal Manager**
[John N. Augustine](#)
412-386-4524



For information about CRADAs:

- [R. Diane Newlon](#) (Morgantown) 304-285-4086
- [Michael A. Nowak](#) (Pittsburgh) 412-386-6020
- [Paula K. Turner](#) (Albany, OR) 541-967-5966
- Register for acquisition opportunity notices at <http://www.fbo.gov/EPSTVendorRegistration.html>.
- Register for funding opportunity notices at <http://www.grants.gov/search/subscribeAdvanced.do>.
- Because NETL's programs might involve acquisition and financial assistance opportunities, registering at both websites is suggested. The majority of NETL's research and development procurement programs fall within the Procurement Classification Code "A," and the majority of NETL's financial assistance programs fall within the CFDA number "81.089."



TD initiatives include

- Solar Cost parity nationwide by 2015
- H2 *See slides*
- FCVTThe hybrid and vehicle systems team works with its industry partners in the [FreedomCAR and Fuel Partnership](#) and the [21st Century Truck Partnership](#) to identify and select the appropriate research and development objectives. Research partners include: vehicle and engine manufacturers, universities, material suppliers, nonprofit technology organizations, and the national laboratories.
- Geo- EGS for "Enhanced Geothermal Systems"; Biomass - ethanol really breaks things into two initiatives.
- Biomass - The Advance Energy Initiative (2006) directs the research toward cost competitive cellulosic ethanol by 2012. That is reducing technology for conversion of biomass the ethanol for a price competitive with petroleum fuels.
- Weatherization and Intergovernmental **State Energy Program** allows states the flexibility for setting their own priorities based on local resources and economic conditions.
- FEMP The White House Council on Environmental Quality has issued a memo directing federal agencies to significantly increase their use of energy saving performance contracts (ESPCs) and utility energy services contracts (UESCs).
- ITP Plant assessments

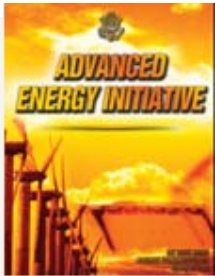


Hydrogen: The Policy Context



HYDROGEN FUEL INITIATIVE (Jan. 2003):

- Launched the Department of Energy Hydrogen Program
- Committed \$1.2 billion over five years (2004 – 2008)
- Provides funds to develop H₂, fuel cell and infrastructure technologies
- Goal: to make fuel cell vehicles practical and cost-effective by 2015



ADVANCED ENERGY INITIATIVE (Feb. 2006):

- Accelerates research on technologies for reducing dependence on oil for transportation and natural gas for power generation
- 22% increase in funding for clean energy research
- Reinforces **Hydrogen Fuel Initiative**
- Accelerates R&D for near-term vehicle options: biofuels & plug-in hybrids

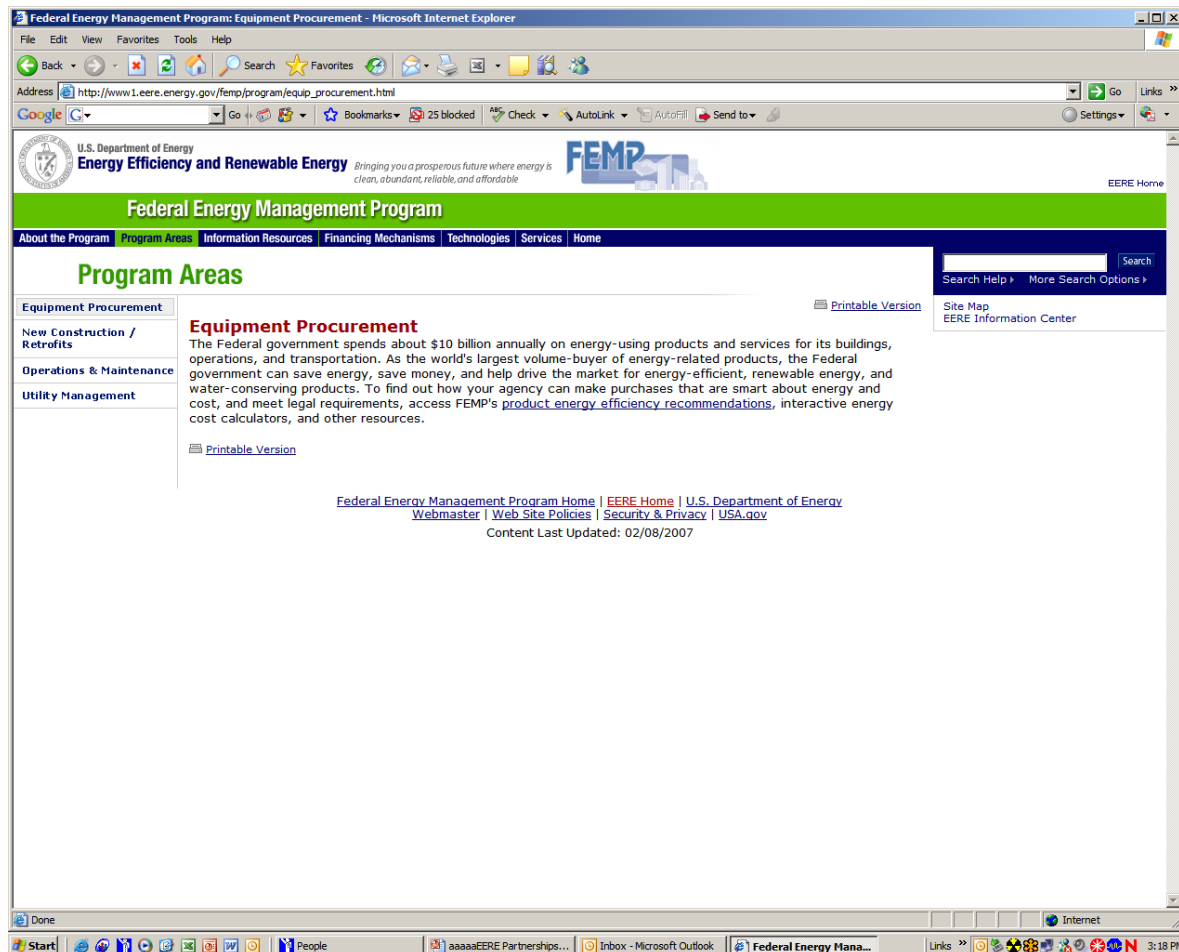


“20-in-10” INITIATIVE (Jan. 2007):

- Sets target of 35 billion gallons of alternative fuels by 2017, to displace 15% of annual gasoline use in 2017 (plus 5% reduction in gasoline use through increased vehicle efficiency)
- Expands Renewable Fuel Standard (RFS) to “Alternative Fuel Standard” (*includes corn ethanol, cellulosic ethanol, biodiesel, methanol, butanol, hydrogen, and other alternative fuels*)

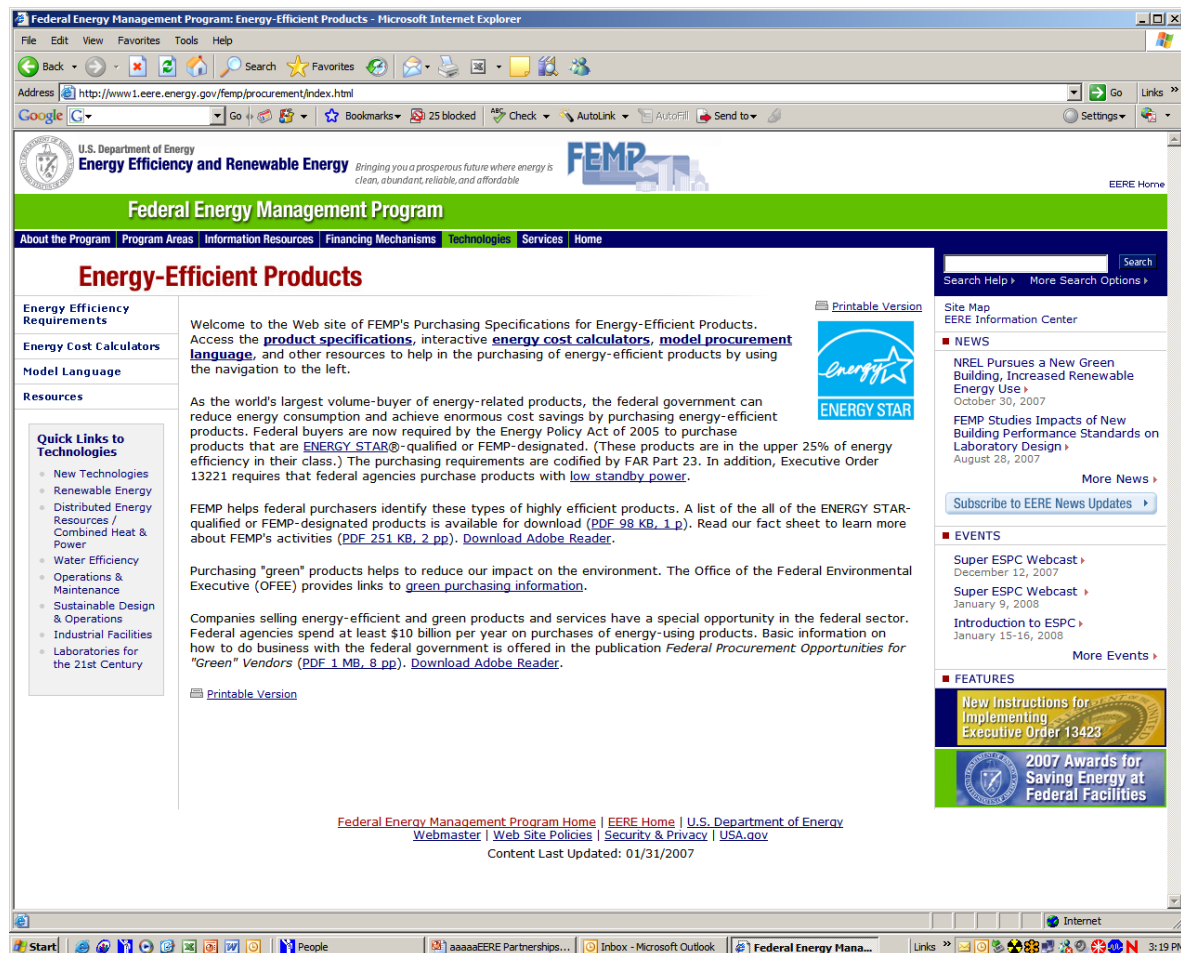


FEMP equipment procurement



Brush up on
the legal,
cost and
peripheral
outcomes of
involvement
in EERE

EERE Products For Businesses



FEMP is among
the TD
programs
seeking material
and material
handlers of
many skill sets

ITP Input For Businesses

The screenshot shows the EERE Industrial Technologies Program Home Page. The browser window title is "EERE: Industrial Technologies Program Home Page - Microsoft Internet Explorer". The address bar shows "http://www1.eere.energy.gov/industry/". The page features the U.S. Department of Energy logo and the text "Energy Efficiency and Renewable Energy". The main heading is "Industrial Technologies Program". Below this is a navigation bar with links: "About the Program", "Program Areas", "Information Resources", "Financial Opportunities", "Technologies", and "Deployment". The main content area includes a large image of industrial equipment and text describing the program's goals: "The Industrial Technologies Program works with U.S. industry to improve industrial energy efficiency and environmental performance. The program invests in high-risk, high-value R&D to reduce industrial energy use while stimulating productivity and growth. Results of this investment are seen in the many ITP-funded technologies in the marketplace today. Read about these technologies and others expected to break into the market over the next three years in **Energy Technology Solutions: Public-Private Partnerships Transforming Industry** (PDF 3.7 MB) [Download Adobe Reader](#)." Below this is a section titled "Industrial Technology R&D" and another titled "Crosscutting Technologies". A sidebar on the right contains a search bar, "Site Map", "EERE Information Center", "NEWS" (with links to "Energy Efficient 'Super Boiler' Reaches Its First Anniversary", "Save Energy Now Awards State Industrial Assessment Projects", and "DOE and Wisconsin Launch Industrial Efficiency Partnership"), "EVENTS" (with links to "Steam Systems Assessment", "Pumping System Specialist Qualification", and "Fundamentals of Compressed Air Systems (Level 1)"), and "FEATURES" (with links to "Why wait? Save Energy Now!", "Save Energy Now in Your Data Center", and "Industrial Efficiency in Your State"). A "Quick Links to Resources" section is also present, listing links like "Save Energy Now", "Energy Savings Assessments", "Results", "FAQs", "Save Energy in Your Data Center", "BestPractices", "Industrial Assessment Centers", "Energy Matters", "E-Bulletin", "Software Tools", "Trainings", "Publications", "Qualified Specialists", and "Ask the EERE Information Center". The bottom of the page shows the Windows taskbar with the Start button and several open applications.

U.S. Department of Energy
Energy Efficiency and Renewable Energy
Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

Industrial Technologies Program

[About the Program](#) [Program Areas](#) [Information Resources](#) [Financial Opportunities](#) [Technologies](#) [Deployment](#)

The Industrial Technologies Program works with U.S. industry to improve industrial energy efficiency and environmental performance. The program invests in high-risk, high-value R&D to reduce industrial energy use while stimulating productivity and growth. Results of this investment are seen in the many ITP-funded technologies in the marketplace today. Read about these technologies and others expected to break into the market over the next three years in **Energy Technology Solutions: Public-Private Partnerships Transforming Industry** (PDF 3.7 MB) [Download Adobe Reader](#).

Industrial Technology R&D

The program partners with energy-intensive industries to reduce industrial energy consumption: [aluminum](#), [chemicals](#), [forest products](#), [glass](#), [metal casting](#), [mining](#), [petroleum refining](#), and [steel](#).

Crosscutting Technologies

Technologies common to many industries offer opportunities to increase efficiency; R&D focuses on [combustion](#), [materials](#), [sensor and process control systems](#), and [industrial energy systems](#) such as combined heat and power.

BestPractices

Energy management best practices help industry save energy and improve productivity today! Technical assistance includes [plant assessments](#), [software tools](#), [training](#), and [publications](#).

[Printable Version](#)

Join DOE and Save Energy Now!

Save Energy Now helps American businesses, factories, and manufacturing facilities save energy, reduce operating costs, and lower utility bills in this time of variable energy prices and supplies.

- [Save Energy Now](#)
- [Energy Savings Assessments](#)
- [Results](#)
- [FAQs](#)

Quick Links to Resources

- [Save Energy in Your Data Center](#)
- [BestPractices](#)
- [Industrial Assessment Centers](#)
- [Energy Matters](#)
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Site Map
EERE Information Center

NEWS

[Energy Efficient "Super Boiler" Reaches Its First Anniversary](#)
November 30, 2007

[Save Energy Now Awards State Industrial Assessment Projects](#)
November 29, 2007

[DOE and Wisconsin Launch Industrial Efficiency Partnership](#)
November 29, 2007

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EVENTS

[Steam Systems Assessment](#)
December 11, 2007

[Pumping System Specialist Qualification](#)
December 11, 2007

[Fundamentals of Compressed Air Systems \(Level 1\)](#)
December 12, 2007

[More Events](#)

FEATURES

Why wait?
Save Energy Now!
Apply today

Save Energy Now
in Your Data Center

Industrial Efficiency
in Your State



FOLLOW-UP QUERIES SENT TO DOE'S OSDBU OR EERE OFFICES RESULT IN 'MATCH-MAKING' SUGGESTIONS:

A Sample correspondence **From:** Hibben, Kent

Sent: Monday, October 29, 2007 2:01 PM

To: Subject: New Information about business opportunities for your devices

- Hello ____ - Here are several additional leads:
- 11.) Office of Energy Efficiency and Renewable Energy Announces Entrepreneur in Residence Program
- **Moving technology out of the laboratory and into the marketplace is one of EERE's major hurdles, and one of its biggest priorities. Assistant Secretary Alexander Karsner created a Commercialization Team in 2006 to work on accelerating this process. Now this effort is moving to the next level.**
- The Entrepreneur in Residence (EIR) Program will bring venture capital-sponsored entrepreneurs to help commercialize new clean energy technologies. The EIRs will identify technologies that will contribute to DOE's mission to promote America's energy security through reliable, clean, and affordable energy, then work to bring them to the market.
- ORNL, and NREL and SNL will each host one entrepreneur in residence. DOE will provide up to \$300,000 in funding to support this initiative.
- **How to Apply**
- See the [Funding Opportunity Announcement](#) on Grants.gov. Applications are due _____, 2007.
- For more information, see the [Entrepreneur in Residence](#) listing on the EERE Financial Opportunities Web site.
- 12.) Note that the National Nuclear Security Administration, also has an active Small Business office: Gary.Lyttek@nnsa.doe.gov is a Small-Business point of contact there.
- 13.) FAA Research
http://www.faa.gov/education_research/research/modernization_highlights/costsharing_opportunities/
- Cost Sharing Partnership Opportunities
...
- Sincerely, Kent L. Hibben, COR, Procurement Liaison EERE"